

## CLAIMS

1. A method of controlling a locking function in a locking arrangement, the method comprising:
  - creating a database from predetermined objects;
  - 5 determining at least one user-specific inter-object internal order in the database;
  - detecting a control command for starting the control of the locking function;
  - displaying a predetermined number of objects on the display of the locking arrangement once the control command is detected;
  - 10 detecting the selection order of the objects; and
  - changing the lock state when the detected object selection order is at least sufficiently close to a given user-specific inter-object internal order.
2. A method as claimed in claim 1, the method further comprising
  - 15 displaying the predetermined number of objects in a random order on the display.
3. A method as claimed in claim 1, the method further comprising identifying a given predetermined user-specific inter-object internal order based on the detected control command.
- 20 4. A method as claimed in claim 1, wherein the object is one or more letters, digits, figures, images, songs or a combination thereof including two or more objects.
5. A method as claimed in claim 1, the method further comprising changing the determined user-specific inter-object internal order when the detected object selection order is sufficiently close to a given predetermined user-specific inter-object internal order.
- 25 6. A method as claimed in claim 5, the method further comprising using learning algorithms and/or intelligent networks in changing the determined user-specific inter-object internal order.
- 30 7. A method as claimed in claim 1, the method further comprising entering an arrangement lock state when a predetermined number of such successive object selection orders are detected, wherein the object selection order is not sufficiently close to the determined user-specific inter-object internal order.
- 35 8. A method as claimed in claim 1, the method further comprising establishing a short-range wireless connection and detecting the control com-

mand for starting the control of the locking function via the short-range wireless connection.

9. A method as claimed in claim 1, the method further comprising establishing a short-range wireless connection and detecting the object selection order via the short-range wireless connection.

10. A method as claimed in claim 1, the method further comprising determining the user-specific inter-object internal order in one or more user profiles of the arrangement.

11. An arrangement for controlling a locking function, the arrangement comprising means for:

creating a database from predetermined objects;

determining at least one user-specific inter-object internal order in the database;

detecting a control command for starting the control of the locking function;

displaying a predetermined number of objects on the display of the locking arrangement once the control command is detected;

detecting the selection order of the objects; and

changing the lock state when the detected object selection order is at least sufficiently close to a given user-specific inter-object internal order.

12. An arrangement as claimed in claim 11, wherein the arrangement comprises a transceiver unit configured to establish a communications connection, transmit a control command for starting the control of the locking function and transmit the object selection order.

13. An arrangement as claimed in claim 12, wherein the communications connection is a short-range wireless connection.

14. An arrangement as claimed in claim 11, wherein the arrangement comprises means for displaying the predetermined number of objects in a random order on the display.

15. An arrangement as claimed in claim 11, wherein the arrangement comprises means for identifying a predetermined user-specific inter-object internal order based on the detected control command.

16. An arrangement as claimed in claim 11, wherein the arrangement comprises means for changing the inter-object internal order when the object selection order is sufficiently close to a given predetermined user-specific inter-object internal order.

17. An arrangement as claimed in claim 16, wherein the arrangement comprises means for using learning algorithms and/or intelligent networks in changing the predetermined user-specific inter-object internal order.

5 18. An arrangement as claimed in claim 11, wherein the arrangement comprises means for entering an arrangement lock state when a predetermined number of such successive object selection orders are detected, wherein the object selection order is not sufficiently close to the determined user-specific inter-object internal order.

10 19. An arrangement as claimed in claim 11, wherein the arrangement comprises means for establishing a short-range wireless connection and detecting the control command as the start for controlling the locking function via the short-range wireless connection.

15 20. An arrangement as claimed in claim 11, wherein the arrangement comprises means for determining the user-specific inter-object internal order in one or more user profiles.

21. An arrangement as claimed in claim 11, wherein the arrangement for controlling a locking function is in a portable electronic device.

22. An arrangement as claimed in claim 11, wherein the arrangement for controlling a locking function is in a door or gate.